

Jagrit Acharya

LinkedIn: <https://www.linkedin.com/in/jagritacharya/>

Email : jagrit.acharya2@gmail.com

Mobile : +1 5878949603

Location : Calgary, CA

EDUCATION

- **University of Calgary** Calgary, Canada
Master of Science in Electrical and Software Engineering (Thesis); GPA:4.0 Aug 2023 – Current
- **NMIMS University** Mumbai, India
Bachelor of Technology in Computer Engineering; GPA: 3.87 June 2019 – June 2023

EXPERIENCE

- **University of Calgary** Calgary, Canada
—Teaching Assistant Sept 2023 - Present
 - **Instructor:** Served as a Co-Instructor for upper-level undergraduate courses (Year 3 and Year 4).Facilitated laboratory sessions, engaging students in hands-on learning experiences.
- **The Indegenous** Remote
—web developer Oct 22 - June 23
 - **Chatbot Development:** Worked on creating Internet enable, multi-lingual WhatsApp chatbot using chatgpt API with Django, and WhatsApp API, The bot is available at this whatsapp number (+91 6900888233)
 - **Backend:** Worked on the Django backend for the react website, which has features like chat with pdf, summary generator, AI-generated text detection, and create notes while reading a book. (Website)
- **Seventh Square** Jaipur, Rajasthan
—Software developer Intern March 2022 - May 2022
 - **Django Development:** Worked on Django Web and RestAPI to develop an eCommerce platform for construction materials, leveraging MySQL for database management and deployed the application on DigitalOcean droplet .
 - **Integrations:** Developed Seller and Buyer Portals in Django and React, respectively, as frontend and Django Rest Framework in the backend. Integrated Payment API by Cashfree and Tax Invoice API by Sandbox.
- **Doubt Connect** Remote
—Software Developer Intern Nov 2021 - March 2022
 - **Full Stack Development:** Worked as Full Stack Developer, developing better UI using Material UI and optimizing the system architecture used React and NodeJS. Used Firebase for Authentication and Storage.
 - **Integration:** Assisted in integrating Dyte WebRTC into the platform and integrated AWS S3 to save sessions.
- **DSP Mutual Funds** Mumbai, India
—Data Science Intern April 2021 – July 2021
 - **Sentiment Analysis:** Created Twitter Sentimental Analysis Live Dashboard using Twitter API, python packages, and S3 used NLP for the sentiment of the tweets, & visualized using AWS QuickSight
 - **Automation:** Worked with AWS to schedule & automate daily/monthly reports of investors, and implemented Auth0 APIs.Analyzed investor behavior and predicted trends based on market changes using python.

PROJECTS

- **Bug Report Quality Analyser:** A Fine Tuned LLM that analyses and enhance the Bug report filed by the user. Refines Bug Report, Autofills content using GNN. **Link to my publication**
- **Next stop Recommender:** An Android(java) App with Php backend that uses Python-based algorithms (Apriori, Regular Expressions, LCS) to predict your next location based on past movement patterns.
- **Enrollar:** A react app helps you select the best course for you from Coursera, edx, and udemy. We created our own API using Puppeteer and an algorithm in NodeJS to get the courses and suggest the best.

PROGRAMMING SKILLS

- **Languages:** C, C++, Python, Java, JS, Typescript **Libraries & Frameowrk:** AngularJS, Node.js, React
- **Cloud Technologies:** Azure, Docker, AAD, Azure DevOps **Databases:** MongoDB, MySQL, Firebase